

Success Case Book

# Gausium Robots at the World's Leading Retail Facilities



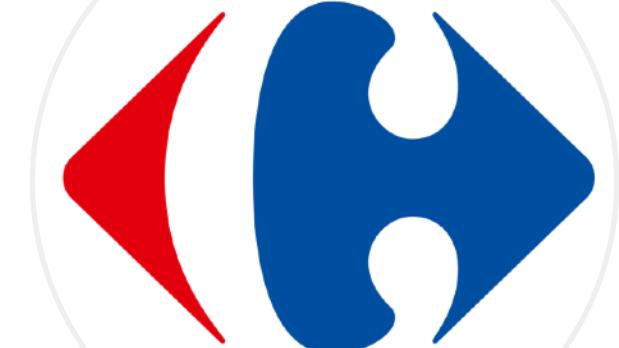
# Gausium: The Trusted Choice of World's Leading Retailers

In today's fast-paced retail landscape, cleanliness is no longer just about appearance—it's a critical component of customer experience, brand reputation, and operational efficiency. As retailers face growing challenges such as labor shortages, extended operating hours, and heightened hygiene expectations, the demand for intelligent, reliable cleaning solutions has never been greater.

Gausium is proud to be at the forefront of this transformation.

With thousands of deployments across supermarkets, hypermarkets, shopping malls, and convenience stores worldwide, Gausium's autonomous cleaning robots have become the trusted choice for leading retail brands. Our solutions are redefining retail cleaning by delivering high-frequency, data-driven, and cost-effective operations—day in and day out.

From Europe to Asia, our technology is empowering some of the world's most recognized names in retail, including **Auchan, Rossmann, EDEKA, Delhaize Group, XXXLutz Group, Metro, Marks & Spencer and OneSiam Group**, to maintain immaculate store environments while boosting efficiency and sustainability.

The logo for REWE, featuring the word "REWE" in white capital letters on a red rectangular background.The Marks & Spencer logo, featuring the letters "M&S" in a black, rounded font.

## Gausium's Autonomous Cleaning Solutions for Retail & Shopping Centers



Phantas



Vacuum 40



Scrubber 50

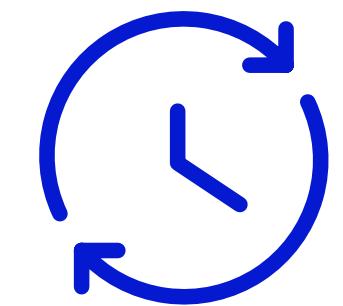


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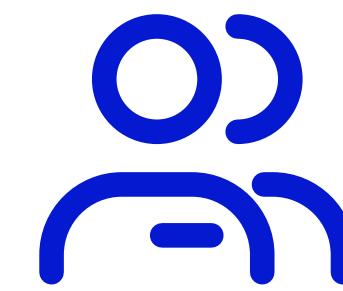


Scrubber 75

### Key Challenges Facing Retail Facilities Cleaning & Maintenance



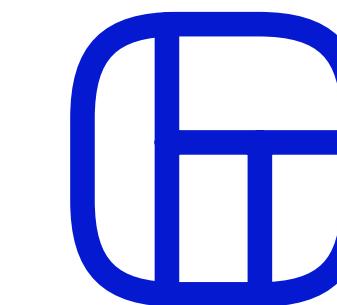
Demand for High-Frequency Cleaning



Labor Shortages & Cost Pressures



High Foot Traffic & Limited Cleaning Time Windows



Diverse and Complex Store Layouts



Data Visibility & Accountability

### How Gausium's Autonomous Cleaning Solutions Can Help

**Consistent High-Frequency Cleaning**  
Gausium robots are designed for continuous operation, capable of running multiple cleaning cycles per day without fatigue. With scheduled and on-demand cleaning modes, they ensure your retail space remains consistently clean—even during peak shopping hours.

**Cost-Effective and Scalable**  
By automating routine and labor-intensive cleaning tasks, Gausium robots significantly reduce reliance on human labor. This helps alleviate staffing challenges and allows your team to focus on higher-value tasks.

**Time-Saving with Intelligent Scheduling**  
Gausium robots can work around the clock, optimizing cleaning schedules to operate during off-peak hours or whenever necessary, ensuring the airport is clean at all times without disrupting operations.

**Adaptability to Complex Store Layouts**  
Gausium autonomous cleaning solutions are designed to handle a variety of flooring types, from carpeted areas to marble and terrazzo, ensuring that each surface is cleaned appropriately without causing damage or leaving streaks.

**Cloud-based Real-time Data Accessibility**  
Gausium robots are integrated with a cloud-based platform that provides real-time insights, cleaning logs, and performance reports. Facility managers gain full visibility into cleaning activities, making it easy to audit, optimize schedules, and ensure accountability across multiple locations.

Retail

# ROSSMANN (Germany)

**Solution:** Phantas (1 per store)

**Number of Stores Covered:** 200+

**Implementation Date:** December 2024 —



As the originator of the drugstore concept, Rossmann has long been known for setting benchmarks in retail. In its pursuit of innovation, Rossmann sought to explore how emerging technologies could support its mission. After attending trade fairs and conducting internal workshops, Rossmann's team connected with Gausium. A fleet of over **200** Gausium Phantas robots now deployed across Rossmann's stores, with all new store openings set to include Phantas by default.

Rossmann's choice of Gausium was not just about cutting-edge tech—it was also about service and reliability. Positive feedback from stores across Germany continues to pour in, and the robots have become not just tools, but symbols of Rossmann's forward-thinking culture.

## testimonial

“ It's incredibly simple. It's not time-consuming at all and actually takes work off our hands. If we move displays, it adapts accordingly and cleans the space where the display was previously located

— Sebastian Rehse  
Store Manager at Rossmann, Werther

Retail

# Albert (Czech)

**Solution:** Phantas (1 per store), Scrubber 50 (1 per store)

**Store Coverage:** 66 stores with Phantas, 12 stores with Scrubber 50

**Facility Services:** RPM, Atalian

**Implementation Date:** August 2024 —



Since August 2024, leading Czech supermarket chain **Albert** has implemented Gausium's autonomous cleaning solutions across its store network to elevate hygiene standards and operational efficiency. A total of **66 stores** have adopted the **Phantas**, known for its compact design and agility in tight retail spaces, while **12 stores** have been equipped with the **Scrubber 50**, ideal for medium to large floor areas.

By integrating smart robotic cleaning into its workflow, Albert has streamlined maintenance routines, reduced manual labor, and improved in-store cleanliness—resulting in a more pleasant shopping experience for customers and better working conditions for staff.

Albert is now preparing to deploy additional devices of Gausium across more locations—further expanding the impact of autonomous cleaning within its operations.

**testimonial**  
“

There's always plenty of work in the store, so I'd say it makes the job easier for our colleagues. But it truly guarantees cleanliness for us, because the robot doesn't get tired — it works according to its program, its plan, and always does its job. So our employees no longer need to clean in large stores.

— Jiří Mareček  
Albert Spokesperson

Retail

# Carrefour (France)

**Solution:** Scrubber 50 (1 per store)

**Number of Stores Covered:** 45

**Implementation Date:** March 2025 —



In a major move toward smart retail operations, Carrefour has deployed Gausium's Scrubber 50 across **approximately 45 of its stores in France**, starting from March 2025—with one unit assigned per location. This large-scale adoption marks a significant step in Carrefour's commitment to innovation, sustainability, and improved customer experience.

Equipped with advanced autonomous navigation and powerful scrubbing capabilities, the Scrubber 50 delivers consistent, high-efficiency cleaning even during peak business hours. It maneuvers seamlessly through aisles without disrupting foot traffic. Several units also feature customized skins designed to align with store branding, adding a unique and friendly presence on the shop floor.

The robots have been warmly welcomed by both store staff and customers. Employees benefit from reduced physical workload and can redirect their focus to higher-value service tasks, while customers enjoy a cleaner, more hygienic shopping environment enhanced by the presence of cutting-edge technology. This successful implementation showcases how automation can integrate smoothly into daily retail operations—boosting efficiency, cleanliness, and brand appeal all at once.

Retail

# Delhaize MAXI (Serbia)

**Solution:** Scrubber 50 (1 per store)

**Number of Stores Covered:** 30+

**Implementation Date:** 2023 —

**Facility Services:** Secut d.o.o.



In a groundbreaking move toward enhancing retail hygiene, MAXI supermarkets in Belgrade, in partnership with hygiene service provider Secut d.o.o., have deployed **30** of Gausium's advanced **Scrubber 50**, with each store equipped with one dedicated unit.

Recognized for its supreme cleaning efficiency and exceptional results, the Scrubber 50 Pro offers eco-friendly features, such as a water recycling system that significantly reduces water consumption—an ideal solution for MAXI's commitment to sustainable practices.

This implementation supports MAXI's position as a leading player in Serbia's retail landscape and as a proud member of the Ahold Delhaize family, reinforcing its commitment to exceptional cleanliness and customer experience. MAXI is setting new benchmarks in sustainable operations and efficiency, reflecting both companies' commitment to innovation and quality in retail.

Retail

# ELVI(Latvia)

**Solution:** Phantas (1 per store)

**Number of Stores Covered:** 6

**Facility Services:** Viss visapkārt tīrs (VVT)

**Implementation Date:** Q1 2025 —



Latvia's national grocery retail chain **ELVI** invested **€80,000** in early 2025 to deploy **Gausium Phantas** across six of its largest stores. Aiming to enhance hygiene standards, operational efficiency, and customer experience, the retailer turned to intelligent automation as part of its sustainability strategy. A further **€150,000 investment** is planned for the year.

Rather than being just another machine, Phantas becomes a part of the in-store atmosphere. Its gentle movement through aisles draws curiosity and smiles, transforming routine cleaning into an engaging experience. This unexpected charm adds a human touch to automation, reinforcing ELVI's customer-first values and enhancing the brand's in-store appeal.

**testimonial**  
“

Children especially enjoy seeing the robots, but even adult shoppers are often seen smiling at the small machines navigating the aisles. These devices not only help maintain the highest hygiene standards but also create a pleasant emotional experience, boosting customer satisfaction and loyalty.

— Laila Vārtukapteine  
Board Member of SIA "ELVI Latvija"

Retail

# RIMI (Latvia)

**Solution:** Scrubber 50 (1 per store), Phantas (1 per store)

**Number of Stores Covered:** 4

**Implementation Date:** December 2024 —

**Facility Services:** Vizii



In early 2025, Latvian supplier of professional hygienic products—**Viss Visapkart Tirs, SIA**, in collaboration with the country's largest cleaning service provider **Vizii**, successfully deployed **4** Gausium autonomous cleaning robots across multiple RIMI supermarket locations.

The rollout includes:

- 1x **Phantas** at **RIMI Brieža**
- 1x **Scrubber 50** at **RIMI Stirnu**
- 1x **Scrubber 50** at **RIMI Alfa**
- 1x **Scrubber 50** at **RIMI Olimpiskais**

Each robot was selected and deployed to match the specific layout and cleaning needs of its respective store, ensuring high-efficiency cleaning, operational cost reduction, and a safer, more hygienic shopping environment for customers.

This milestone marks a significant step in bringing intelligent cleaning automation to the Latvian retail sector, reinforcing RIMI's and Vizii's shared commitment to innovation and sustainability.

Retail

# EUROSPAR (Austria)

**Solution:** Scrubber 50 & Workstation

**Number of Stores Covered:** 1

**Implementation Date:** Q1 2025 —



EUROSPAR Korneuburg has adopted Gausium's Scrubber 50 to elevate store hygiene through autonomous cleaning. Equipped with a roller brush and paired with a workstation, the robot ensures thorough cleaning even before opening hours.

Thanks to its high flexibility, Scrubber 50 adapts seamlessly to in-store changes like rearranged shelves, wire baskets, and Euro pallets—always operating with precision and safety. The solution has been well received by both staff and customers, who appreciate the reduced manual workload and consistently clean environment. This successful implementation highlights the value of smart cleaning automation in dynamic retail settings.

## testimonial

I am very satisfied with the cleaning performance of the Scrubber 50. I can actually not detect any difference compared to the manually operated cleaning machines. The Scrubber 50 has fully met my expectations, and I can highly recommend the cleaning robot to other retailers.

— Franz Unfried  
Managing Director, Eurospar Korneuburg

Retail

# Mömax (Austria)

**Solution:** Scrubber 50 (1 per store)

**Number of Stores Covered:** 20+

**Implementation Date:** June 2024 —

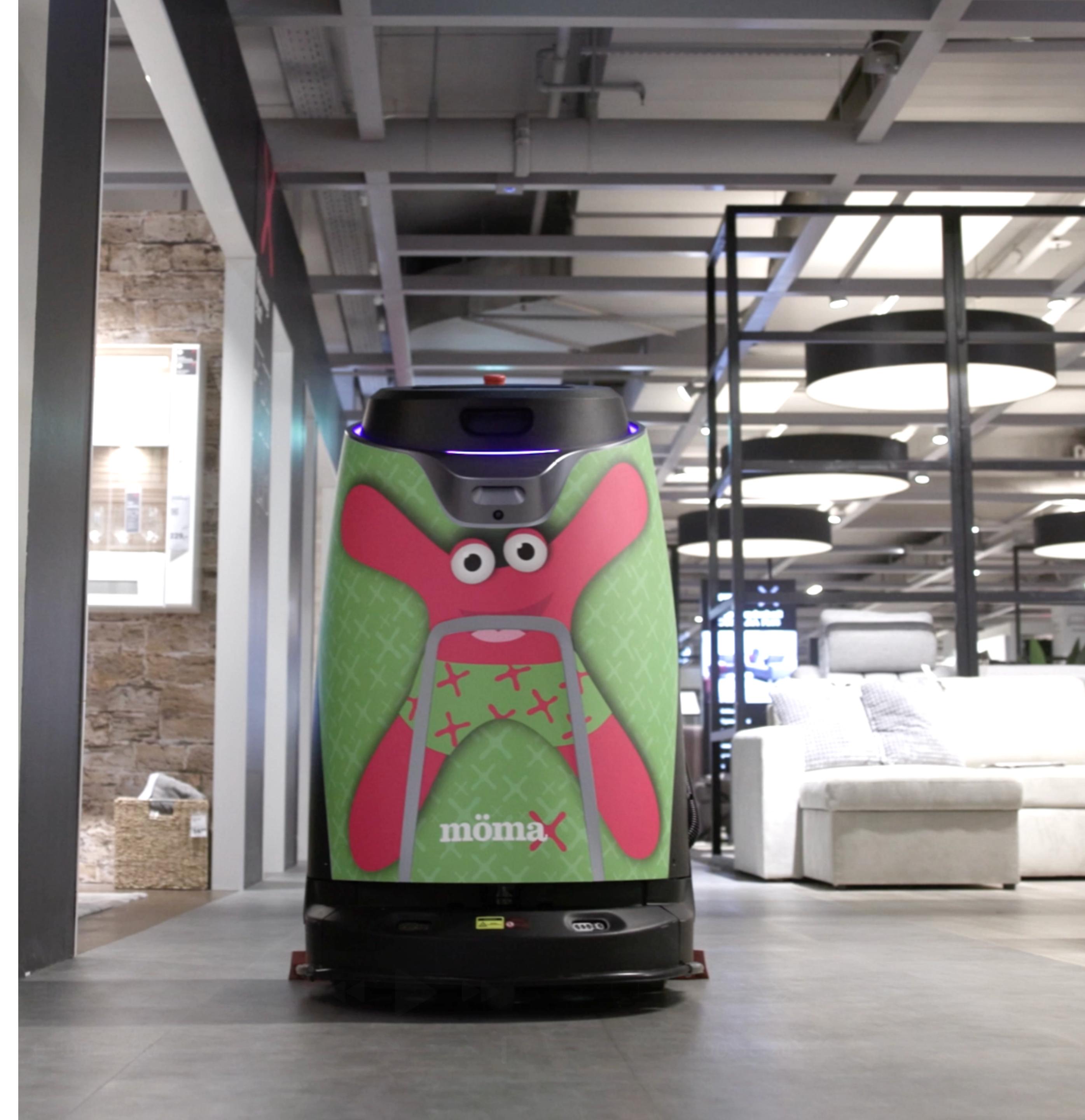
To address operational cleaning challenges, Mömax, a leader in affordable and stylish furniture, deployed Gausium's Scrubber 50 robots in over 20 stores across Austria. The deployment provided several benefits: exceptional cleaning performance ensuring spotless aisles and showrooms, adaptability to layout changes by automatically adjusting its cleaning program, and daily scheduled cleaning at intervals, maintaining consistent cleanliness throughout the day. This solution effectively addressed rising cleaning costs, labor shortages, and time constraints, improving operational efficiency across Mömax stores.

## testimonial

“

The robot automatically responds to changes in the exhibition. This means that if additional furniture is placed, the robot will skip that area.

— Martin Könitzer  
Branch Management Eugendorf



Retail

# IKI (Lithuania)

**Solution:** Phantas (1 per store)

**Number of Stores Covered:** 6

**Implementation Date:** January 2025 —

As automation continues to reshape the retail sector, IKI Lithuania has embraced innovation by introducing Gausium Phantas autonomous floor cleaning robots in six of its Vilnius stores. Deployed by Robot24, Gausium's official distributor in Lithuania, these robots enhance operational efficiency, free employees to focus on customer service, and promote sustainability through reduced water and chemical usage. The advanced sensor systems of Phantas makes it the ideal cleaning robot for grocery stores, enabling them to detect obstacles, adjust their paths in real time, and operate effectively even during peak shopping hours. Shoppers and staff alike have welcomed these new robotic "colleagues" with curiosity and enthusiasm.

## testimonial

“

The advanced solutions help create an even more efficient working environment, allowing employees to focus on tasks that are most needed in the store – restocking shelves and serving customers

— Gintarė Kitovė  
Communications Manager at IKI



Retail

# CAINZ (Japan)

**Solution:** Scrubber 50 (1 per store)

**Implementation Date:** 2022

**Facilities Services:** YUMEYA

CAINZ is a leading home improvement and hardware retail chain in Japan. Faced with the challenge of limited cleaning staff before store opening hours, **CAINZ Fukuoka Shingu** turned to automation. Through **SoftBank Robotics**, Gausium's channel partner in Japan, the store deployed the **Scrubber 50** to cover the labor shortage across its **12,803 m<sup>2</sup> floor area**. Scrubber 50 proved to be the ideal fit for the dynamic retail space. Its easy setup accommodates frequent layout changes, and its intelligent sensors allow safe navigation through aisles and around obstacles.

## testimonial

We chose Scrubber 50 because it's super compact and maneuverable, and it's very easy to setup when the store layout changes. It is also good that Scrubber 50 hardly leaves any water residue when it's cleaning.

— Koji Funato  
Chief of Sales Department, Director YUMEYA



Retail

# Rema 1000 (Denmark)

**Solution:** Phantas (1 per store)

**Number of Stores Covered:** 3

**Implementation Date:** January 2024 —

Rema 1000, a prominent branch of the renowned Norwegian grocery chain, has relied on Phantas as a trusted cleaning partner since January 2024. Primarily, Phantas has been deployed to scrub the aisles early in the morning before the store staff arrives, ensuring a spotless environment for the busy day ahead. The introduction of Phantas has not only improved the overall cleanliness of the store but also streamlined operations, allowing the Rema 1000 team to dedicate more time to customer service and other essential tasks. With its consistent performance, Phantas has become an invaluable asset in maintaining high hygiene standards in a high-traffic grocery store, contributing to a better shopping experience for customers and a more efficient working environment for the staff.



testimonial  
“

I can only say that I've been really happy with mine (Phantas). I only use it for scrubbing, my younger staff sweep the store in the evening. And then we start the robot in the morning when we arrive. And sometimes it also runs during the day, even when there are customers.

— Bjarne Funch

Store Manager of Rema 1000 Farum

Retail

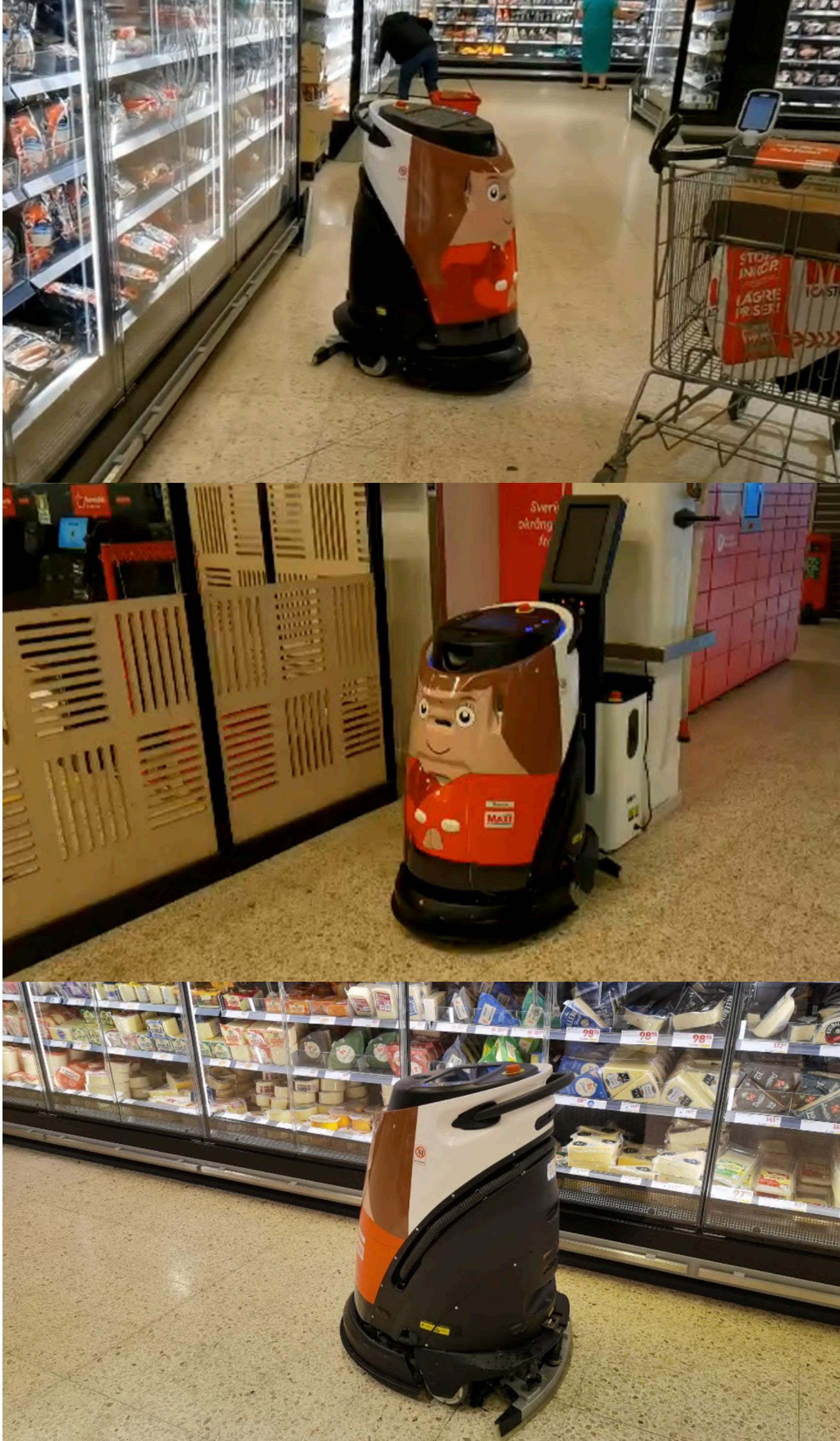
# MAXI ICA (Sweden)

**Solution:** 2x Scrubber 50 + Workstation + AutoPass

**Implementation Date:** 2023 —

**Client Profile** MAXI ICA Stormarknad is the hypermarket division of ICA Gruppen AB, one of Sweden's leading retail groups focused on food, health, banking, and real estate. The ICA brand encompasses various store formats, with MAXI ICA serving as its large-format, full-assortment hypermarket chain.

At one MAXI ICA location with a total floor area of 6,000–7,000 m<sup>2</sup>, Gausium deployed **2 Scrubber 50 robots** integrated with **AutoPass**, an automated door control solution. The robots primarily clean the 2,500 m<sup>2</sup> aisle area, achieving an average combined daily cleaning coverage of **3,150 m<sup>2</sup>—with Robot A covering 2,270 m<sup>2</sup> and Robot B 880 m<sup>2</sup>**.



values delivered

“

The deployment standardized cleaning operations, reduced labor dependency, and simplified staff management. It improved cleaning frequency and quality while lowering operational costs through greater efficiency and automation. The integration of AutoPass ensures seamless movement across cleaning zones without manual intervention, enabling a smarter, more autonomous workflow.

Retail

# Prisma Hypermarket (Finland)

**Solution:** 1x Scrubber 75 per store

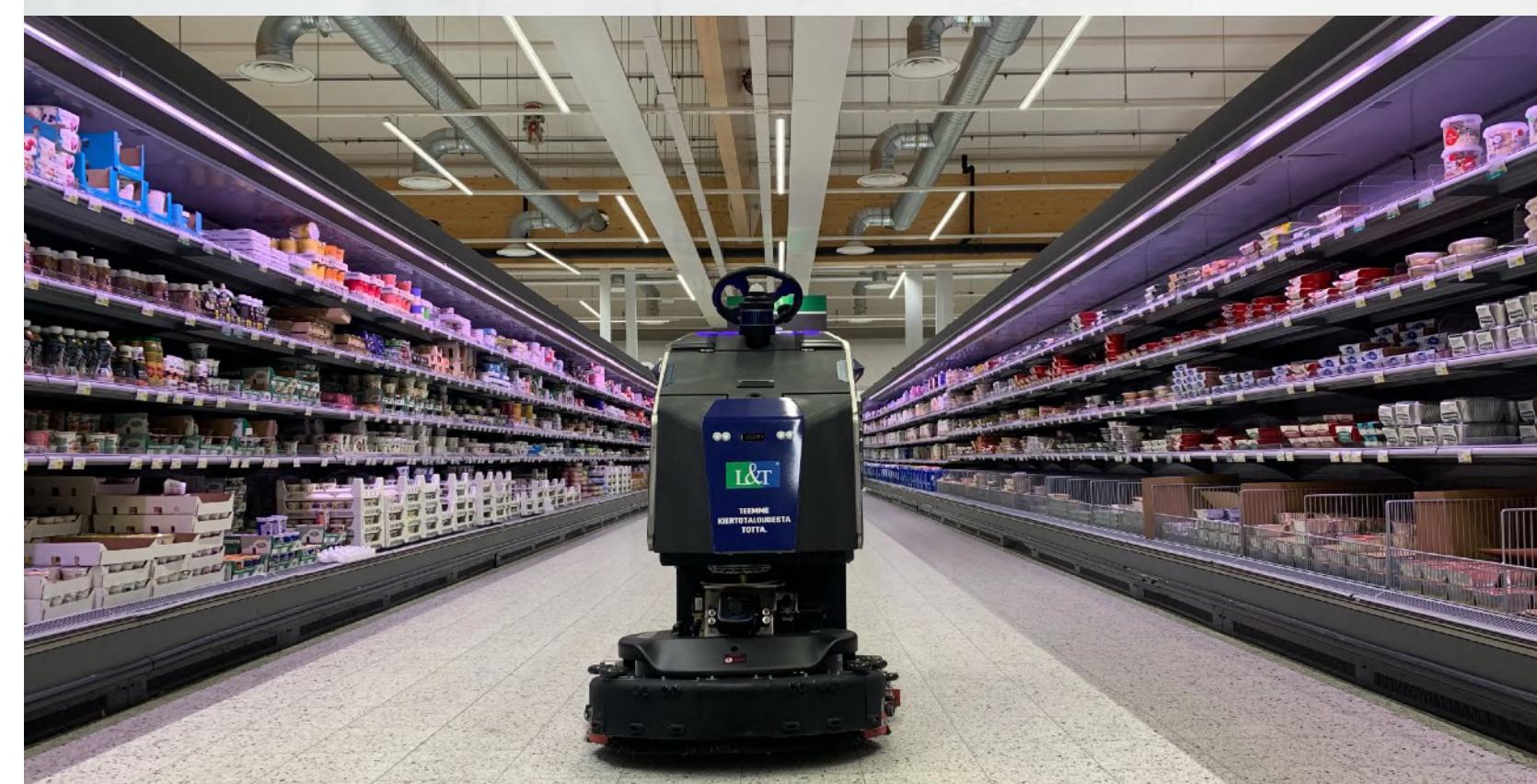
**Number of Stores Covered:** 8

**Implementation Date:** November 2019 —

**Facility Services:** L&T

Prisma, a Finnish chain of hypermarkets subsidiary to the S Group. The Prisma hypermarkets have an average area of 10,000 square meters, which makes quite a challenge for cleaners to keep the large sites hygiene and tidy, especially when there're large crowds.

Since the first deployment in 2019, 8 Prisma stores have adopted a unit of Scrubber 75 onsite, embracing the high-tech and eco-friendly retail shine delivered by Gausium's smart autonomous cleaning solutions.



testimonial  
“

You could rarely see completely new innovations in the cleaning sector, which is why it's interesting to see a robot in a shop environment. Automation is coming fast to many places and it's nice to see it being developed here as well.

— Katja Savilakso  
Group Manager of Arina, S Group

Shopping Center

# FMZ IMST (Austria)

**Solution:** Scrubber 50 (with workstation & elevator integration)

**Implementation Date:** November 2023 —



FMZ Imst, a vibrant shopping center in Austria, is renowned for its mix of retail stores and entertainment facilities spanning three floors. Ensuring a consistently clean and inviting environment had been a challenge due to traditional cleaning methods struggling to meet operational demands.

In November 2023, Gausium Scrubber 50 was strategically deployed to address FMZ Imst's challenges, ensuring efficient and automated cleaning processes.

The FMZ Imst project utilized the Scrubber 50 at its highest level of automation, showcasing the robot's advanced features, including workstation compatibility and elevator integration. These capabilities enable the Scrubber 50 to provide fully automated cleaning across nearly 4,000 sqm of flooring, revolutionizing the shopping center's facility management.

Shopping Center

# Valia Commercial Center (Spain)

**Solution:** Phantas, Scrubber 50, Scrubber 75

**Implementation Date:** January 2025 —



To maintain a consistently clean and welcoming environment across its expansive corridors and aisles, **Valia Commercial Center** in Spain deployed a fleet of three Gausium cleaning robots: **Phantas**, **Scrubber 50**, and **Scrubber 75**. Each robot plays a strategic role in ensuring high-frequency cleaning coverage throughout the day.

Despite the mall's heavy foot traffic, Gausium robots operate **seamlessly and safely**, thanks to their **advanced sensor systems and intelligent navigation**. The result is a highly efficient, unobtrusive cleaning process that delivers **exceptional cleaning quality** without interrupting the shopping experience.

By integrating Gausium's autonomous cleaning solutions, Valia Commercial Center has set a new standard in retail facility hygiene—demonstrating how smart technology can support both operational excellence and customer satisfaction.

Shopping Center

# OneSiam Group (Thailand)

**Solution:** Scrubber 50 + Scrubber 75

**Implementation Date:** 2020 —

**Facility Services:** IFS



OneSiam Shopping Center Group, developed by Thailand's leading retail and real estate innovator Siam Piwat Group, operates iconic destinations like Siam Paragon and Siam Center.

In 2020, to strengthen hygiene and safety protocols amidst the pandemic, OneSiam partnered with Integrated Facility Services (IFS), a leading integrated facility management company in Thailand, to deploy Gausium's Scrubber 50 and Scrubber 75 robots in **Siam Paragon and Siam Center**. This implementation has significantly enhanced hygiene standards, ensuring a safer environment for all visitors.

The Gausium robots have become a formidable addition to the cleaning force, boosting hygiene standards to create a safer environment for all visitors. Their friendly, adorable appearance has been warmly received by shoppers, enhancing the customer experience and reflecting OneSiam's commitment to innovative, visitor-friendly solutions.

Shopping Center

# Larcomar (Peru)

**Solution:** Scrubber 50

**Implementation Date:** May 2025 —



Larcomar, one of Peru's most iconic shopping centers, has become the **first mall in the country to adopt an AI-powered cleaning robot** in the retail sector—**Gausium Scrubber 50**. This move underscores Larcomar's commitment to innovation, sustainability, and delivering an elevated visitor experience.

This advanced device features **AI-powered navigation**, a **multi-stage water filtration system**, and **autonomous operations**, including battery charging and water refilling. Its sustainable design enables the recycling and reuse of water, reducing fresh water consumption by up to **80%**, while increasing cleaning efficiency by up to **400%**.

Deployed in high-traffic common areas such as hallways, patios, and plazas, Scrubber 50 helps maintain a consistently clean environment throughout the day. Operating during early mornings and afternoons, it works alongside the human cleaning team and has **reduced cleaning time by 20%** compared to traditional methods.

The initiative not only aligns with Larcomar's goal to enhance the **customer experience**, but also contributes to improving key performance metrics such as **CSAT, NPS, and ASEX**. Both mall staff and visitors have responded positively—staff appreciate the performance boost, while shoppers express admiration and curiosity when encountering the robot in action.



Mömax (Austria)



Centro Mayor Shopping Center (Bogotá)



GARVEY'S (Ireland)



M&S Shopping Center (UK)



HEMA Variety Store (Netherlands)



Väla Shopping Center (Sweden)



Auchan (Poland)



EDEKA (Germany)

# Robolution by Gausium

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